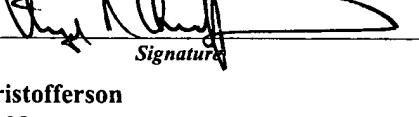


AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): K. Hayashi, et al.					FEB 01 2005 PATENT & TRADEMARK OFFICE Docket No. 02230028AA
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/916,529	July 30, 2001	W. Klimowicz	30743	2652	9042
Invention: MAGNETO-RESISTANCE EFFECT ELEMENT; MAGNETO-RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM					
<u>COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	5 -	63 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	2 -	8 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<p> <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____. <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-2041 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. </p>					
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
 <i>Signature</i>			Dated: February 1, 2005		
Clyde R Christofferson Reg No. 34,138 Whitham, Curtis & Christofferson, PC 11491 Sunset Hills Road, Suite 340 Reston, Virginia 20190 703-787-9400			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____. _____ (Date)		
Signature of Person Mailing Correspondence HAND DELIVERED					
<i>Typed or Printed Name of Person Mailing Correspondence</i>					

Clyde R Christofferson

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703-787-9400**

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(Date)

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-1-

01FN046US **AFTER FINAL: EXPEDITED ACTION** 02230028aa
Amendment dated 02/01/2005 Reply to office action mailed 12/15/2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Kazuhiko Hayashi, et al.

Serial No. 09/916,529

Group Art Unit 2652

Filed July 30, 2001

Examiner W. Klimowicz

For MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-
RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE
TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. §1.116

Sir:

In response to the Office Action mailed December 15, 2004, please amend the above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are indicated by the notation "currently amended" in the listing of claims beginning on page 3 of this paper.

Remarks begin on page 6 of this paper.

BOX "AF"
RESPONSE UNDER 37 C.F.R. § 1.116
---EXPEDITE PROCEDURE---
EXAMINING GROUP 2652